

# **EXHIBIT C**

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
1	'905 Patent: claims 1, 8, 15, 21	"in-band symbols"	"a symbol normally appearing in a packet"	'905 Patent: 10:42–11:30, 11:49–60, 24:33–46  <u>IPR2024-01428:</u> <ul style="list-style-type: none"><li>• Patent Owner's Preliminary Response to the Petition (January 31, 2025)</li><li>•</li></ul>
2	'905 Patent: claims 1, 8, 15, 21	"out-of-band symbols"	"a symbol not normally appearing in a packet"	'905 Patent: 10:42–11:30, 11:49–60, 24:33–46  <u>IPR2024-01428:</u> <ul style="list-style-type: none"><li>• Patent Owner's Preliminary Response to the Petition (January 31, 2025)</li></ul>
3	'905 Patent: claims 16, 22	"primitives"	"a sequence of two out-of-band symbols"	'905 Patent: 11:67–12:3, 15:39–40, 15:50–17:11, 26:35–41, 26:43–44
4	'905 Patent: claim 21	"a preemption component that signals the transmission component to stop transmitting the first packet, transmits a preempt indicator indicating that a second packet is to be transmitted, transmits the second packet, and signals the transmission component to continue	Subject to 35 U.S.C. § 112, ¶6 <i>Function:</i> [i] signalling the transmission component to stop transmitting the first packet, [ii] transmitting a preempt indicator indicating that a second packet is to be transmitted, [iii] transmitting the second packet, and [iv] signalling the transmission component to continue transmitting the first packet	'905 Patent: 7:65–8:11, 8:13–9:57, 19:61–20:26, 20:27–39, 20:40–67, 21:1–20, Figs. 13–15  <u>Extrinsic Evidence:</u> <ul style="list-style-type: none"><li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li><li>• McGraw-Hill Dictionary of Scientific and Technical Term (1994) (component)</li><li>• The Illustrated Dictionary of Electronics (1997) (component)</li></ul>

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		transmitting the first packet"	<i>Structure:</i> (none)  Indefinite	<ul style="list-style-type: none"> <li>• Microsoft Computer Dictionary (1999) (component)</li> <li>• Modern Dictionary of Electronics (1999) (component)</li> <li>• IEEE 100 The Authoritative Dictionary of IEEE Standards Terms (2000) (component)</li> <li>• IBM Dictionary of Computing (1994) (component)</li> <li>• Barron's Dictionary of Computer and Internet Terms (component)</li> <li>•</li> </ul>
5	'798 Patent: claims 20, 21	"in-band symbols"	"a symbol normally appearing in a packet"	<p>'798 Patent: 10:33–11:20, 11:39–50, 23:58–24:4</p> <p><u>IPR2024-01428:</u></p> <ul style="list-style-type: none"> <li>• Patent Owner's Preliminary Response to the Petition (January 31, 2025)</li> </ul>
6	'798 Patent: claims 20, 21	"out-of-band symbols"	"a symbol not normally appearing in a packet"	<p>'798 Patent: 10:33–11:20, 11:39–50, 23:58–24:4</p> <p><u>IPR2024-01428:</u></p> <ul style="list-style-type: none"> <li>• Patent Owner's Preliminary Response to the Petition (January 31, 2025)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
7	'798 Patent: claims 11, 19, 20, 22, 28	"synchronization symbol"	"a symbol for coordinating events that is separate from the corresponding packet itself"	<p><u>'798 Patent</u>: 9:19–22, 14:31–18:15</p> <p><u>'798 Patent File Wrapper</u>:</p> <ul style="list-style-type: none"> <li>• Appellant's Brief (December 5, 2007)</li> <li>• Appellant's Brief (January 18, 2008)</li> <li>• Decision on Appeal (February 25, 2009)</li> </ul> <p><u>IPR2024-01481</u>:</p> <ul style="list-style-type: none"> <li>• Patent Owner's Preliminary Response to the Petition (January 31, 2025)</li> </ul>
8	'798 Patent: claims 11, 19, 28	"synchronization primitive"	"a sequence of two out-of- band synchronization symbols"	<u>'798 Patent</u> : 11:57–60, 14:31–18:15, 25:56–62, 25:64–65

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9	'798 Patent: claim 19	“an identification component that identifies a packet type of a packet of symbols”	Subject to 35 U.S.C. § 112, ¶6 <i>Function:</i> identifies a packet type of a packet of symbols <i>Structure:</i> (none) Indefinite	'798 Patent: 7:60–8:5, 8:7–9:50, 14:31–15:22  <u>Extrinsic Evidence:</u> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• McGraw-Hill Dictionary of Scientific and Technical Term (1994) (component)</li> <li>• The Illustrated Dictionary of Electronics (1997) (component)</li> <li>• Microsoft Computer Dictionary (1999) (component)</li> <li>• Modern Dictionary of Electronics (1999) (component)</li> <li>• IEEE 100 The Authoritative Dictionary of IEEE Standards Terms (2000) (component)</li> <li>• IBM Dictionary of Computing (1994) (component)</li> <li>• Barron's Dictionary of Computer and Internet Terms (component)</li> </ul>

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10	'520 Patent: claim 1	"conducting arbitration for control of the first control bus"	"conducting a process that determines whether the first device or second device gains control of the first control bus"	'520 Patent: 4:60–67, 5:1–9, 5:10–32, 7:12–24, 7:48–8:12, Fig. 3  <u>Extrinsic Evidence:</u> <ul style="list-style-type: none"> <li>• IBM Dictionary of Computing (1994) (arbitration)</li> <li>• I<sup>2</sup>C Bus Specification and User Manual (2001)</li> </ul>
11	'520 Patent: claims 1, 12, 19	"standard protocol"	"a communication protocol that was standardized as of the January 4, 2008, filing date of the '520 Patent"	'520 Patent: 1:15–39, 2:54–3:2, 6:24–48
12	'520 Patent: claims 1, 12, 19	"modified protocol"	"a communication protocol that is a modification of the standard protocol and that was available as of the January 4, 2008, filing date of the '520 Patent"	'520 Patent: 1:15–39, 2:54–3:2, 6:24–48

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13	'520 Patent: claim 12	"logic to convert each of one or more control signals into a data packet ..."	<p>Subject to 35 U.S.C. § 112, ¶6</p> <p><i>Function:</i> convert each of one or more control signals into a data packet, each of the one or more control signals being one of a plurality of different types of control signals for a standard protocol, each data packet including a plurality of bits to be transmitted</p> <p><i>Structure:</i> (none)</p> <p>Indefinite</p>	<p>'520 Patent: 1:54–2:2, 3:34–50, 7:25–41, 9:16–30, 10:3–10</p> <p><u>Extrinsic Evidence:</u></p> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
14	'520 Patent: claim 12	"logic to arbitrate use of the first control bus ..."	<p>Subject to 35 U.S.C. § 112, ¶6</p> <p><i>Function:</i> to arbitrate use of the first control bus, the logic to arbitrate use being operable to: [i] determine whether the control bus is in use by the receiving device, and [ii] if the first control bus is not in use by the receiving device, conduct arbitration for control of the first control bus</p> <p><i>Structure:</i> a general-purpose processor, special-purpose processor, or logic circuit programmed with instructions to perform Steps 304-322 of Figure 3</p>	<p>'520 Patent: 4:60–67, 5:1–9, 5:10–32, 7:12–24, 7:48–8:12, 10:3–10, Fig. 3</p> <p><u>Extrinsic Evidence:</u></p> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
15	'520 Patent: claim 19	"logic to convert each of the one or more data packets into a control signal"	Subject to 35 U.S.C. § 112, ¶6 <i>Function</i> : convert each of the one or more data packets into a control signal <i>Structure</i> : (none) Indefinite	'520 Patent: 1:54–2:2, 3:34–50, 7:25–41, 9:16–30, 10:3–10  <u>Extrinsic Evidence</u> : <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
16	'520 Patent: claim 19	"logic to arbitrate use of the first control bus ..."	<p>Subject to 35 U.S.C. § 112, ¶6</p> <p><i>Function:</i> to arbitrate use of the first control bus, the logic to arbitrate use being operable to: [i] determine whether the control bus is in use by the transmitting device, and [ii] if the first control bus is not in use by the transmitting device, conduct arbitration for control of the first control bus</p> <p><i>Structure:</i> a general-purpose processor, special-purpose processor, or logic circuit programmed with instructions to perform Steps 304-322 of Figure 3</p>	<p>'520 Patent: 4:60–67, 5:1–9, 5:10–32, 7:12–24, 7:48–8:12, 10:3–10, Fig. 3</p> <p><u>Extrinsic Evidence:</u></p> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
17	'231 Patent: claim 10	"logic to detect signals on the cable interface ..."	Subject to 35 U.S.C. § 112, ¶6 <i>Function:</i> detect signals on the cable interface <i>Structure:</i> (none) Indefinite	<p>'231 Patent: 1:56–2:15, 3:22–26, 6:14–7:27, 7:28–62, 7:63–8:42, 8:43–9:34, 10:35–42</p> <p><u>Extrinsic Evidence:</u></p> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
18	'231 Patent: claim 10	“first logic to detect a voltage value on the power bus ...”	Subject to 35 U.S.C. § 112, ¶6 <i>Function:</i> detect a voltage value on the power bus <i>Structure:</i> (none) Indefinite	<p>'231 Patent: 1:56–2:15, 3:22–26, 6:14–7:27, 7:28–62, 7:63–8:42, 8:43–9:34, 10:35–42</p> <p><u>Extrinsic Evidence:</u></p> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
19	'231 Patent: claim 10	"second logic to detect signals on the control bus ..."	Subject to 35 U.S.C. § 112, ¶6 <i>Function:</i> detect signals on the control bus <i>Structure:</i> (none) Indefinite	<p>'231 Patent: 1:56–2:15, 3:22–26, 6:14–7:27, 7:28–62, 7:63–8:42, 8:43–9:34, 10:35–42</p> <p><u>Extrinsic Evidence:</u></p> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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20	'231 Patent: claim 10	"periodically"	"occurring in regular, repeated cycles"	<p data-bbox="1339 235 1734 264"><u>'231 Patent</u>: 4:5–42, 8:43–9:34</p> <p data-bbox="1339 310 1587 339"><u>Extrinsic Evidence</u>:</p> <ul data-bbox="1383 349 1892 790" style="list-style-type: none"> <li data-bbox="1383 349 1850 451">• Dictionary of Computer Science, Engineering, and Technology (2001) (periodic)</li> <li data-bbox="1383 461 1892 563">• McGraw-Hill Dictionary of Scientific and Technical Terms (6th ed. 2002) (periodic)</li> <li data-bbox="1383 573 1892 639">• The Penguin Dictionary of Electronics (4<sup>th</sup> ed. 2005) (periodic)</li> <li data-bbox="1383 649 1871 716">• Collins English Dictionary (2005) (periodic)</li> <li data-bbox="1383 725 1793 790">• The New Oxford American Dictionary (2005) (periodic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
21	'231 Patent: claim 16	"logic to discover a transmitting device ..."	Subject to 35 U.S.C. § 112, ¶6 <i>Function:</i> discover a transmitting device coupled with the receiving device <i>Structure:</i> (none) Indefinite	<p>'231 Patent: 1:56–2:15, 3:22–26, 6:14–7:27, 7:28–62, 7:63–8:42, 8:43–9:34, 10:35–42</p> <p><u>Extrinsic Evidence:</u></p> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
22	'231 Patent: claim 16	“first logic to detect a first signal on the control bus ...”	Subject to 35 U.S.C. § 112, ¶6 <i>Function:</i> detect a first signal on the control bus <i>Structure:</i> (none) Indefinite	<p>'231 Patent: 1:56–2:15, 3:22–26, 6:14–7:27, 7:28–62, 7:63–8:42, 8:43–9:34, 10:35–42</p> <p><u>Extrinsic Evidence:</u></p> <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
23	'231 Patent: claim 16	"second logic to detect a power signal ..."	Subject to 35 U.S.C. § 112, ¶6 <i>Function</i> : detect a power signal from the receiving device <i>Structure</i> : (none) Indefinite	'231 Patent: 1:56–2:15, 3:22–26, 6:14– 7:27, 7:28–62, 7:63–8:42, 8:43–9:34, 10:35–42  <u>Extrinsic Evidence</u> : <ul style="list-style-type: none"> <li>• Declaration of Dr. Wenke Lee Regarding Claim Construction</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (logic)</li> <li>• Wiley Electrical and Electronics Engineering Dictionary, Kaplan (2004) (control logic)</li> <li>• Collins English Dictionary (2005) (logic)</li> <li>• The New Oxford American Dictionary (2005) (logic)</li> <li>• The American Heritage Dictionary (2006) (logic)</li> <li>• Dictionary of Computing (2004) (logic)</li> </ul>

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No.	Patent(s), Claim(s)	Claim Term	LGL's Construction	Evidence
24	'231 Patent: claim 18	"standard protocol"	"a communication protocol that was standardized as of the January 4, 2008, filing date of the '231 Patent"	<u>'231 Patent</u> : 1:12–44, 2:63–3:12, 5:56–6:13, 6:14–39
25	'231 Patent: claim 18	"modified protocol"	"a communication protocol that is a modification of the standard protocol and that was available as of the January 4, 2008, filing date of the '231 Patent"	<u>'231 Patent</u> : 1:12–44, 2:63–3:12, 5:56–6:13, 6:14–39
26	'103 Patent: claims 1, 11, 21, 22	"a first standard comprising a universal serial bus (USB) standard and different from a standard of the video data"	"a USB communication protocol that was standardized as of the April 14, 2014, filing date of the '103 Patent"	<u>'103 Patent</u> : Abstract, 1:16–47, 3:20–37, 3:50–59, 5:50–6:4, 6:5–21
27	'103 Patent: claim 17	"the first synchronization signal"	Indefinite	<u>'103 Patent</u> : claims 11–12
28	'103 Patent: claim 22	"non-transitory computer readable storage medium storing instructions representing a digital design of a circuit"	Preamble limiting	<u>'103 Patent</u> : claims 21–22